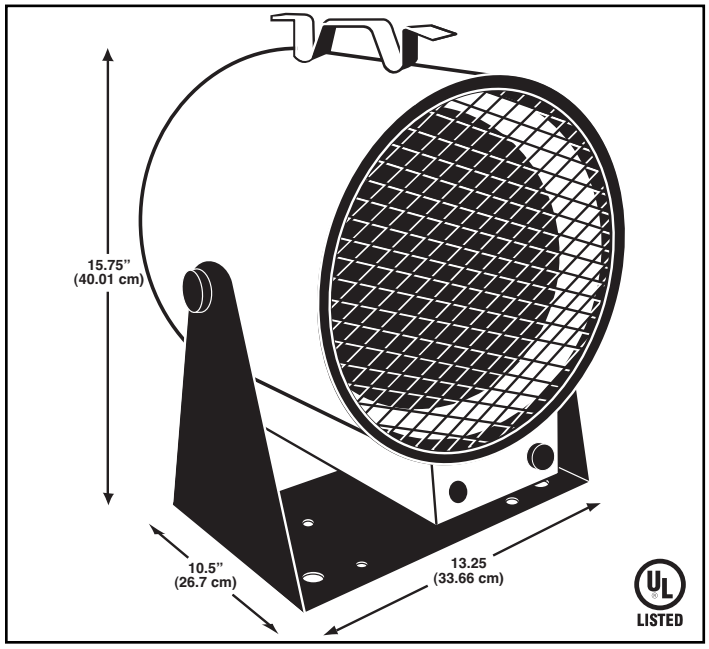
Cadet Garage/Utility Unit Heater

OWNER'S GUIDE

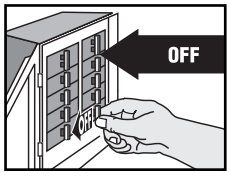


Features & Benefits

- Operates on 240 or 208 volts
- Internal manual reset thermal cutout
- Finned steel tubular heating element
- 6 foot cord with molded plug
- Built-in single pole thermostat with mechanical "OFF" position
- Bracket for Wall- or Ceiling-Hung and floor stand use
- 1 year extended warranty

Models:
CGH402

IMPORTANT INSTRUCTIONS



⚠ WARNING

Turn the electrical power off at the electrical panel board (circuit breaker or fuse box) and lock or tag the panel board door to prevent someone from turning on power while you are working on the heater. When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

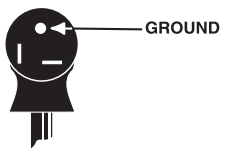
1. Read all instructions before using this heater.
2. Do not place heater against paperboard or low-density fiberboard surfaces.
3. Do not use outdoors.
4. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
5. Do not place heater below an electrical convenience receptacle.
6. ⚠ **WARNING Overheating or fire may occur.** Do not place the heater behind doors.
7. ⚠ **WARNING Fire or explosion may occur.** Heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
8. ⚠ **WARNING Burn Hazard.** This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater and keep them away from the sides and rear. Use extreme caution when any heater is used by or near children or invalids and whenever the heater is left operating unattended.
9. ⚠ **WARNING Risk of electrical shock.** Connect to properly grounded outlets only. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater. Unplug heater before performing any maintenance or when not in use. To disconnect heater, turn control to low, then remove plug from outlet.
10. ⚠ **WARNING Risk of electrical shock or injury.** Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or the like. Do not route cord under furniture or appliance. Arrange cord away from traffic area where it will not cause a tripping hazard. Do not operate heater with a damaged cord or plug, or after heater malfunctions, or has been dropped or damaged in any manner. Discard heater, or return to authorized service facility for examination and/or repair.
11. ⚠ **WARNING Risk of Fire.** To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked. Heater must be kept clear of all obstructions: maintain a 3 foot minimum clearance from front and 12 inches from sides and rear. Heaters must be kept clean of lint, dirt and debris. (See Maintenance Instructions)
12. ⚠ **WARNING Risk of Fire. DO NOT** use heater with an extension cord. Plug the heater directly into a 240/208 volt receptacle.
13. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electrical shock, or injury to persons.
14. ⚠ **WARNING Risk of Fire.** Do not use as a residential or household heater.

SAVE THESE INSTRUCTIONS

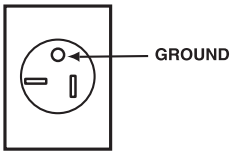
Grounding Instructions

This heater is for use on 240 (or 208) volts. The cord has a plug as shown to the right. No adapter is available for this blade configuration, and none should be used. The outlet type is a 240 (or 208) volt grounding outlet. When properly installed, it provides a ground connection through the cord to the heater to protect the operator from electrical shock.

CGH402 – 20 AMP



Plug Configuration



Receptacle Configuration

Installation Instructions

CAUTION: Heater will operate on either 240 or 208 volts. Check heater voltage and phase on label on back of heater to make sure they are the same as the electrical service supplied. See plug configurations below. **Altering the cord in any way will void the warranty!**

Be sure that the electrical receptacle is of the configuration and capacity appropriate for the heater. The heater may be used as a heavy duty portable. It may also be hung on the wall or ceiling using the bracket provided. The wall/ceiling mounting structure and anchoring provisions must be of sufficient strength to support the combined weight of the heater and mounting bracket.

Specifications

MODEL	WATTS	VOLTS (60 Hz)	BTUs	AMPS	PLUG TYPE
CGH402	4000/3000	240/208	13,648/10,236	16.7/14.4	20 Amp

Operation and Maintenance

How To Operate Your Heater

1. Turn the thermostat knob fully clockwise ↻ .
2. When the room reaches your comfort level, turn the thermostat knob counter clockwise ↺ until the heater shuts off. One or two minor adjustments may be necessary as the heat becomes better distributed throughout the area.
3. To reduce the room temperature, turn the knob counter clockwise ↺. To increase the room temperature, turn the knob clockwise ↻.

Maintenance

Heaters are equipped with a permanently lubricated motor and, therefore, no maintenance other than occasional cleaning is required.

⚠ **WARNING** WHEN CLEANING OR DISSASEMBLING HEATER, BE SURE TO DISCONNECT HEATER CIRCUIT.

To disconnect heater, turn thermostat to "OFF", then remove plug from electrical outlet before cleaning or performing any maintenance. Allow heater to cool. IMPORTANT: Heater must be unplugged before performing any maintenance.

For dusting, use a soft cloth. For cleaning, use only a damp rag and nonabrasive dish detergent. Do not use abrasive or chemical cleaners as these may damage the finish. If heater is used in a dusty location, use a vacuum cleaner dust brush to remove dust and other foreign particles from the grill. Always unplug cord and wind it around heater handles when not using. Keep heater in a safe location for storage.

Any other servicing should be performed by an authorized service representative.

Temperature Limiting Device

All heaters are equipped with a thermally actuated manual reset limit control which automatically disconnects heating element and motor in the event normal operating temperatures are exceeded. If heater should fail to operate with thermostat turned clockwise to its limit, disconnect heater and wait a few minutes allowing heater to cool. Using a small straight object such as a pencil, push in button located inside small hole marked RESET. The thermal cutout almost invariably indicates a partial or complete blockage of the air intake or exit. Be sure to keep these areas clear in order to allow proper circulation of air.

Warranty

Maintenance: For more effective and safer operation and to prolong the life of the heater, read the Owner's Guide and follow the maintenance instructions included with each heater. Failure to properly maintain the heater will void any warranty and may cause the heater to function improperly. Warranties are non transferable and apply to original consumer only. Warranty terms are set out below.

LIMITED ONE-YEAR WARRANTY: Cadet will repair or replace any Cadet Garage/Utility Unit Heater (CGH) element or motor found to be defective within one year after the date of purchase.

THESE WARRANTIES DO NOT APPLY:

1. Damage occurs to the product through improper installation or incorrect supply voltage;
2. Damage occurs to the product through improper maintenance, misuse, abuse, accident, or alteration;
3. The product is serviced by anyone other than Cadet;
4. If the date of manufacture of the product cannot be determined;
5. If the product is damaged during shipping through no fault of Cadet.
6. CADET'S WARRANTY IS LIMITED TO REPAIR OR REPLACEMENT AS SET OUT HEREIN. CADET SHALL NOT BE LIABLE FOR DAMAGES SUCH AS PROPERTY DAMAGE OR FOR CONSEQUENTIAL DAMAGES AND/OR INCIDENTAL EXPENSES RESULTING FROM BREACH OF THESE WRITTEN WARRANTIES OR ANY EXPRESS OR IMPLIED WARRANTY.
7. IN THE EVENT CADET ELECTS TO REPLACE ANY PART OF YOUR CADET PRODUCT, THE REPLACEMENT PARTS ARE SUBJECT TO THE SAME WARRANTIES AS THE PRODUCT. THE INSTALLATION OF REPLACEMENT PARTS DOES NOT MODIFY OR EXTEND THE UNDERLYING WARRANTIES. REPLACEMENT OR REPAIR OF ANY CADET PRODUCT OR PART DOES NOT CREATE ANY NEW WARRANTIES.
8. These warranties give you specific legal rights, and you may also have other rights which vary from state to state. Cadet neither assumes, nor authorizes anyone to assume for it, any other obligation or liability in connection with its products other than as set out herein.

If you believe your Cadet product is defective, please, contact Cadet Manufacturing Co. at 360-693-2505, during the warranty period, for instructions on how to have the repair or replacement processed. Warranty claims made after the warranty period has expired will be denied. Products returned without authorization will be refused.

Parts and Service

Visit http://support.cadetco.com for information on where to obtain parts and service.

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